

What is claimed is:

1 1. An arrangement for forming a layer over a semiconductor substrate, comprising:
2 means for illuminating the substrate;
3 means for adjusting the illumination on the substrate; and
4 means for controlling the dispensation of a material over the substrate as a function
5 of the adjusted illumination.

1 2. An arrangement for forming a layer over a semiconductor substrate, comprising:
2 a light source adapted to illuminate the semiconductor substrate;
3 a controller coupled to the light source and adapted to adjust the illumination on the
4 substrate, the controller further adapted to selectively control the dispensation of a material
5 over the substrate as a function of the adjusted illumination.

1 3. The arrangement of claim 2, further including an enclosed area for forming the
2 layer on the substrate, the enclosed area comprising walls having a non-reflective material
3 coating thereon.

1 4. The arrangement of claim 2, wherein the controller includes a photodiode detector.

1 5. The arrangement of claim 2, further including an enclosed area for forming the
2 layer on the substrate, the enclosed area comprising walls having a non-reflective material
3 coating thereon, and wherein the controller includes a photodiode detector.

1 6. The arrangement of claim 2, wherein the controller includes a light source
2 controller coupled to the photodiode.

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FO9TT-T6606660